MISHAP NOTIFICATION REQUIREMENTS (Type A, B, or other High-Visibility Mishap or Close Call) ⁴

1. Call 911 (or 321-867-7911 from a cell phone at KSC, 853-0911 at CCSFS) for any injury/illness requiring prompt medical attention or any other emergency response. If needed, call 867-2121 or 867-8677 to request assistance from Protective Services in securing the scene.

2. The Responsible Organization (Notes 1 & 3) shall:

- Immediately notify a member of the cognizant Safety & Mission Assurance Division and Institutional Division (SAE) identified in <u>Table 1</u>. [Notification for Type A, B or NASA Highly-visibility mishaps and close calls shall be immediately (within 1 hour) in person, telephone, or Microsoft Teams]
- b. Initial data to be reported, reference the attached Initial Safety Incident Reporting (Table 3).

3. The Cognizant Safety Organization¹ shall use:

- a. The attached Checklist I for Type A and B mishaps, high-visibility mishaps, and close calls to execute its mishap functions.
- b. The attached <u>Checklist II for Type C and D mishaps</u>, and close calls involving federal employees and government property execute its mishap functions.

The Cognizant Safety Organization shall submit a follow-up electronic initial report using the NASA Mishap Information System (NMIS) within 24 hours.

Additional key contact information is listed in <u>Table 1</u> (S&MA Contacts) and <u>Table 2</u> (NASA Headquarters).

Notes:

- 1. The <u>Cognizant Organization</u> is the organization responsible for the activity, personnel involved, or operation / program where the mishap occurred. This includes civil service, contractor or visitors at KSC or offsite KSC managed activities. See the attached Initial Safety Incident Report in <u>Table 3</u> for information to be reported.
- 2. The cognizant S&MA Division or Offices: Exploration Research & Technology Office (UB) is SA-B; SA-CCP for Commercial Crew Program (FA), SA-D Launch Services Program (VA); SA-F for Ground Systems Development and Operations Program (LX), and SA-E for all others.
- 3. Contractors provide notification & investigate mishaps as specified in the provision of their contracts, agreements, and grants.
- 4. High-Visibility Mishap or Close Calls are mishaps or close calls, regardless of the amount of property damage or personnel injury, that the Administrator, Chief/OSMA, CD, or the Center SA director judges to possess a high degree of programmatic impact or public, media, or political interest including, but not limited to, mishaps and close calls that impact flight hardware, flight software, or completion of critical mission milestones.

INCIDENT CLASSIFICATION:

MISHAP TYPE	MISHAP DESCRIPTION					
WIISHAP ITPE	PERSONNEL INJURYAND/ORPROPERTY DAMAGE					
Α	Fatality, or total permanent disability	Property Damage ≥ \$2M				
В	In-patient hospitalization of 3 or more people within 30 days, or permanent partial disability	Property Damage > \$500K But < \$2M				
С	Injury with days away from work or restricted duty (lost time), or in-patient hospitalization of 2 or less people within 30 days	Property Damage ≥ \$50K But < \$500K				
D	Injury with medical treatment only (no lost time)	Property Damage ≥ \$20K But < \$50K				
Close Call	No injury, or only minor injury requiring first aid, but event possesses the potential to cause a NASA mishap	No Property Damage Or less < \$20K				

ACRONYMS

O			
CD	Center Director	IRT	Interim Response Team
СНМО	Chief Health Medical Officer	MIPO	Mishap Investigation Program Office (Center POC)
CS	Civil Servant	OIA	Office of Infrastructure and Administration
FD	Fire Department	OSMA	Office of Safety and Mission Assurance
IA	Investigating Authority	PS	Protective Services
IC	Incident Commander	RSO	Responsible Safety Organization

CHECKLIST	I				
	NASA High-Visibil	ity Mishaps			
TIME CONSTRAINT	ACTION OFFICE	ACTION	CONTACT METHOD	TELEPHONE/ Email	RECEIVING OFFICE
	Responsible Org / Cognizant S&MA / Institutional Services Contractor's Duty Office Notification Checklist / Individual Caller / Supervisor	Complete Mishap Notification	Telephone, e-mail, or Microsoft Teams	Primary: Lester Jean (SA-E1)	Institutional Division (SA-E)
T _{ZERO}	SA-E / MIPO	Notify applicable cognizant S&MA division safety representative.	Telephone, e-mail, or Microsoft Teams	See Table 1	S&MA Point of Contact (POC)
	SA-E	Dispatch IRT			IRT member
	SA-E Division Chief or Deputy	Notify SA Director and/or Deputy of possible mishap	Telephone or Microsoft Teams	Director: Ronnie Rodriguez Office: (321) 867-6174 or 867-7390 Cell: (321) 213-1417 Technical Assistant: Lori Thurow Office: (321) 867-8810 Cell: (321) 508-4241 Safety Hotline: (321) 867-SAFE	SA / SA Deputy
	FD / IC / PS	Arrival at mishap site			
	FD / IC	Perform Rescue Ops Mitigate Hazards, Safe & Secure Mishap Site			N/A
	PS	Determine if there is criminal wrongdoing associated with the mishap		KSC OIG (321) 867-4714 NASA OIG HOTLINE 1-800-424-9183	OIG
		Assist the IC to Secure mishap site			N/A
	IRT	Arrival at KSC to pick-up IRT mishap kit			

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	Deploy	IRT			IRT Members
IRT		at mishap site & report to IC, if still			
IRT	Accept Control of mishap sit once IC releases site Coordinate with PS as needs secure the mishap site Coordinate with the Respons Organization (NASA Safety wassume control of the mishap additional hazard mitigation and PPE requirements				N/A
		Communicate information to determine mishap classification	Telephone, Radio, e- mail, or Microsoft Teams	Inform MIPO, SA-E Division Chief or Deputy. See table 1 for contact information.	SA-E and MIPO
	IRT	If NASA fatality, notify the Human Resources (HR) Office	Telephone	Office: (321) 867-4747 Cell: (256) 626-3623	BA
MIPO / SA-E	Assist the SA Director / Deputy in classifying the mishap		In-person, Telephone, or Microsoft Teams	Director: Ronnie Rodriguez Office: (321) 867-6174 or 867-7390 Cell: (321) 213-1417 Technical Assistant: Lori Thurow Office: (321) 867-8810 Cell: (321) 508-4241	SA Director / Deputy
IRT	IRT-F ²	Identify witnesses, issue and collect witness statements using KSC Form 50-285			N/A
SA Director, Deputy, or Designee	Notify Center Director / Deputy Director		In-person, Telephone, or Microsoft Teams	Center Director: Janet Petro Office: (321) 867-3333 Cell: (321) 289-8369 Deputy Director: Kelvin Manning Office: (321) 867-7246	_ CD / Deputy CD
MIPO	Activate applicable Center or Program Mishap Preparedness Contingency Plan (MPCP)		Telephone, or Microsoft Teams		N/A
IRT	IRT	Preserve evidence, document the scene, and collect debris. Impound data, records, etc. Complete a KSC 20-128, KSC			

SAFETY & MISSION ASSURANCE MISHAP NOTIFICATION

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			Property and Chain of Custody Receipt			
T0 + < 1 HOUR	SA-E Division Chief, Deputy, or MIPO	_	otify OSMA within 1 hour		Ken O'connor: (216) 433-9614; or (866) 230-6272 after hours	OSMA
	OSMA	Acknow	vledge notification			MIPO
	IRT	IRT	Advise the Civil Servant (CS) supervisor drug testing is required for damage over \$10 K			Applicable Site Supervisor
			AFGE Labor Union for civil servant (for Bargaining Unit Member only)		Office: (321) 861-0020	AFGE
	SA-E	Notify (Communication and Public ment (PX), advise not to release ee's name until next-of-kin notification		News Chief: Patty Bielling Office: (321) 867-9284 Cell: (321) 501-7575 Alternate: Amanda Griffin Office: (321) 867-3583 Cell: (321) 593-6244	PX
		Notify (Notify Chief Counsel (CC)		Daniel Shaver Office: (321) 867-2919 Cell: (321) 289-2196	СС
	IRT	IRT	Notify Office of the Inspector General (OIG) of suspected criminal wrongdoing	Microsoft Teams	OIG (321) 867-4714; NASA OIG HOTLINE (800) 424-9183	OIG
	SA-E		Notify SA & SA deputy when notifications are completed		Director: Ronnie Rodriguez Office: (321) 867-6174 or 867-7390 Cell: (321) 213-1417 Technical Assistant: Lori Thurow Office: (321) 867-8810 Cell: (321) 508-4241	— SA / SA Deputy
T0 + < 8 HOURS		total dis	OSHA (Type A fatality or permanent ability) OSMA that OSHA was contacted		(813) 626-1177 or (800) 321-6742 See Above	OSHA Regional Office OSMA
	CD or Designee / HR (BA)	Fatality	, notify family of deceased prior to releasing employee's name	In-person or Telephone	OCC ABOVE	Family Members of Employee(s)
	MIPO		request for Investigating Authority	In-person, Telephone, or	Lester Jean (SA-E1) Office: (321) 867-3027 Cell: (321) 456-7055	KSC NASA Division Chiefs

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	•		,	1101.0	,
			Microsoft		
			Teams		
		Control access to impounded materials from IRT until IA starts investigation using the KSC 20-128, KSC Property and Chain of Custody Receipt			MIPO
	KSC CHMO	Distribute medical information	In-person, Fax, or Encrypted email		SA-E
T0 + < 24 HOURS	Cognizant S&MA	Populate NMIS (SA-E will enter CS related mishap or property damage over \$500K)			N/A
T0 + < 24 HOURS	CD or Designee	Report Type A, B, or NASA high-visibility mishap to NASA Administrator	Telephone or e-mail		NASA Administrator
T0 + < 24 HOURS	SA-E	Provide follow-up report	e-mail	See Table 2	OSMA
T0 + < 24 HOURS	MIPO	Provide a provisional list of IA appointees to the OSMA Mishap Investigation Program Executives for concurrence.	e-mail	kenneth.m.oconnor.nasa.gov	OSMA
T0 + < 7 DAYS	IA	Control access to impounded materials from MIPO using the KSC 20-128, KSC Property and Chain of Custody Receipt			N/A
	SA-E	Verify NMIS is updated at least every 30 days with current data			
T0 + < 30 DAYS	OA-L	Notify OSHA of change in fatalities or hospitalization within 30 days of mishap (for civil servant related mishap)	Telephone	(813) 626-1177 or (800) 321-6742	OSHA Regional Office
T0 + < 30 DAYS	SA-E	Update 300 Log (for civil servant related mishap)			N/A

¹ The IRT will remain in contact with SA-E as much as possible to communicate necessary information for mishap classification and up-channel notification.

When two (2) IRT members respond to a mishap, one must be a federal employee (IRT-F). IRT-F will interview witnesses and collect witness statements, using KSC Form 50-285, while other IRT members perform all other duties. Upon completion of all pre-assigned tasks, IRT members will assist each other until all IRT duties are completed. When only one (1) IRT member responds to a mishap, that member must be a federal employee and will perform all IRT duties.

CHECKLIST					
For Type C, D, TIME CONSTRAINT	and Close Calls i ACTION OFFICE	ACTION	government pro CONTACT METHOD	perty damage and Center High-visibility clos TELEPHONE/ Email	RECEIVING OFFICE
	Responsible Org / Cognizant S&MA / Institutional			Primary: Lester Jean (SA-E1) Office: (321) 867-3027 Cell: (321) 456-7055	
	Services Contract Duty Office	Complete Mishap Notification	Telephone or Microsoft Teams	Back up: Gary Hendricks (SA-E1) Office: (321) 867-8738 Cell: (321) 501-0832	Institutional Divisior (SA-E)
	Notification Checklist / Individual Caller /		rodino	Alternate: Michael Williams (SA-E2) Office: (321) 867-0456 Cell: (321) 289-7550	
	Supervisor			(321) 867-SAFE / 867-7233	
	Cognizant Safety Org. / SA-E	Dispatch IRT1			IRT
T _{ZERO}	SA-E ¹	Notify applicable cognizant S&MA division safety representative.	Telephone, e-mail, or Microsoft Teams	Table 1	S&MA POCs
	IRT ²	Notify SA-E / MIPO of possible mishap	Telephone or Microsoft Teams	Gary Hendricks (SA-E1) Office: (321) 867-8738 Cell: (321) 501-0832 MIPO: Lester Jean (SA-E1) Office: (321) 867-3027 Cell: (321) 456-7055	SA-E Division Chief MIPO
	SA-E Division Chief or Deputy	Notify SA Director and/or Deputy MIPO of possible mishap	Telephone	Director: Ronnie Rodriguez Office: (321) 867-6174 or 867-7390 Cell: (321) 213-1417 Technical Assistant: Lori Thurow Office: (321) 867-8810 Cell: (321) 508-4241	SA / SA Deputy
	FD/IC/PS	Arrival at mishap site			
	FD / IC	Perform Rescue Ops Mitigate Hazards, Safe & Secure mishap site	Physical		N/A

CHECKLIST	II				
		involving federal employees and g		perty damage and Center High-visibility close call	
TIME CONSTRAINT	ACTION OFFICE	ACTION	CONTACT METHOD	TELEPHONE/ Email	RECEIVING OFFICE
	PS	Determine if there is criminal wrongdoing, associated with the mishap		KSC OIG: (321) 867-4714 NASA OIG HOTLINE 1-800-424-9183	OIG
		Assist the IC to Secure mishap site			
	IRT	Arrival at KSC to pick-up IRT mishap kit			N/A
	IRT	Arrival at mishap site & report to IC, if still on-site			
		Coordinate with PS as needed for control of mishap site			
T _{ZERO}	IRT ²	Communicate information for mishap classification	Telephone / Radio		SA-E
IZERO	IRT ^{3,4,5}	Coordinate with the Responsible Organization (NASA Safety may assume control of a contractor mishap site ⁴)			N/A
	IRT	Assess mishap site for hazards, additional hazard mitigation, PPE requirements			
	MIPO / SA-E	Classify mishap & Notify SA Director and/or Deputy Director (Based on Initial worst-case estimate)	In-person, Telephone, or Microsoft Teams	Director: Ronnie Rodriguez Office: (321) 867-6174 or 867-7390 Cell: (321) 213-1417 Technical Assistant: Lori Thurow Office: (321) 867-8810 Cell: (321) 508-4241	- SA / SA Deputy
T0 + < 1 HOUR	IRT ^{3,4,5}	Preserve evidence, document the scene, and collect debris. Interview witnesses. Impound data, records, etc. Complete a KSC20-128, KSC Property and Chain of Custody Receipt			N/A
		CS is involved, advise the CS supervisor that drug testing is required for damage over \$10K	Telephone, e-mail, or Microsoft Teams		Applicable Site Supervisor

CHECKLIST	II				
For Type C, D,		involving federal employees and g		pperty damage and Center High-visibility close call	
TIME CONSTRAINT	ACTION OFFICE	ACTION	CONTACT METHOD	TELEPHONE/ Email	RECEIVING OFFICE
	SA-E / IRT	Notify AFGE Labor Union for civil servant mishaps	Telephone	Office: (321) 861-0020	AFGE
	SA-E / IKT	Notify Office of the Inspector General (OIG) of suspected criminal wrongdoing	releptione	KSC OIG (321) 867-4714 NASA OIG HOTLINE 1-800-424-9183	OIG
	MIPO ^{4,5}	Initiate Investigating Authority Appointment Letter for Appointing Official		Lester Jean (SA-E1) Office: (321) 867-3027 Cell: (321) 456-7055	SA Director or CD (As Appropriate)
T 0 + +0	SA-E Division Chief or	Update SA Director and/or SA Deputy Director	Telephone, E-mail, or	Director: Ronnie Rodriguez Office: (321) 867-6174 or 867-7390 Cell: (321) 213-1417	SA and/or SA Deputy
T0 + < 8 HOURS	Deputy		Microsoft Teams	Technical Assistant: Lori Thurow Office: (321) 867-8810 Cell: (321) 508-4241	
	KSC CHMO	Distribute medical information	Verbal, Fax (SBU)		SA-E
T0 + < 24 HOURS	Cognizant Safety Org.	Populate NMIS (SA-E will enter for CS-related mishap)			N/A
	IA ^{3,4}	Control access to impounded materials using the KSC 20-128, KSC Property and Chain of Custody Receipt			N/A
T0 + < 30 DAYS	Cognizant Safety Org. / SA-E	Update NMIS at least every 30 days with current data			N/A
T0 + < 30 DAYS	SA-E	Notify OSHA of change in fatalities or hospitalization within 30 days of mishap (for CS related mishap)	Telephone	(813) 626-1177 or 1-(800) 321-6742	OSHA Regional Office
	SA-E	Create 300 Log Entry (for CS related mishap)			N/A

¹⁾ In all likelihood, an Institutional Division representative (division chief or other) will have already been notified and may be on-site.

²⁾ The IRT will remain in contact with SA-E where possible to communicate necessary information for mishap classification and up-channel notification.

³⁾ When two (2) IRT members respond to a mishap, one must be a federal employee (IRT-F). IRT-F will interview witnesses and collect witness statements, using KSC Form 50-285, while other IRT members performs all other duties. Upon completion of all pre-assigned tasks, IRT members will assist each other until all IRT duties are completed. When only one (1) IRT member responds to a mishap, that member must be a federal employee and will perform all IRT duties.

⁴⁾ When a NASA mishap investigation is determined to be NASA's best interest.

⁵⁾ Investigation is required for all mishaps involving Civil Service (CS) employee.

Table 1

	S&MA C	ONTACT INFOR	RMATION	
ORGANIZATION	NAME (POC)	WORK PHONE(s)	Alternate Contact Method	EMAIL/FAX
Mishap Investigation Program Office (SA-E1)	Lester Jean	Office: (321) 867-3027 Cell: (321) 456-7055	Microsoft Teams	lester.j.jean@nasa.gov
	Josephine Santiago-Bond, Chief, Institutional Safety Division (SA-E)	Office: (321) 867-4998 Cell: (321) 213-3633	Microsoft Teams	josephine.b.santiago- bond@nasa.gov
Institutional Division (SA-E)	Terry Turlington, Assistant Division Chief, Institutional Division (SA-E)	Office: (321) 867-5779 Cell: (321) 607-1632	Microsoft Teams	terry.s.turlington@nasa.gov
	Gary Hendricks (SA-E1) Institutional Safety and Quality Branch Chief	Office: (321) 867-8738 Cell: (321) 501-0832	Microsoft Teams	gary.d.hendricks@nasa.gov
Safety and Mission Assurance	Ronnie Rodriguez, Director, Safety and Mission Assurance	Office: (321) 867-6174 Cell: (321) 213-1417	Microsoft Teams	ronnie.rodriguez@nasa.gov
(S&MA) Directorate (SA)	Lori Thurow, Technical Assistant, Safety and Mission Assurance	Office: (321) 867-8810	Microsoft Teams	lori.g.thurow@nasa.gov
Exploration Research & Technology Office (SA-B)	Derek Mitchell, Acting Chief, Exploration Research & Technology Office	Office: (321) 867-1960 Cell: (304) 638-4621	Microsoft Teams	derek.m.mitchell@nasa.gov
Commercial Crew Office (SA-CCP)	Ken Hale Chief, Commercial Crew Office	Office: (321) 867-8734 Cell: (321) 750-1240	Microsoft Teams	kenneth.a.hale@nasa.gov
Launch Services Division (SA-D)	Jessica Williams, Chief, Launch Services Division	Office: (321) 867-4391 Cell: (321) 289-7043	Microsoft Teams	jessica.d.williams@nasa.gov
Exploration Ground Systems	Henry Bursian Chief, EGS S&MA Division	Office: (321) 861-3870 Cell: (321) 213-0674	Microsoft Teams	henry.bursian-1@nasa.gov
(EGS) Division (SA-F)	Bryan Keen Deputy Chief, EGS S&MA Division	Office: (321) 867-0434 Cell: (321) 747-8078	Microsoft Teams	bryan.keen-1@nasa.gov

Table 2

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NASA Headquarters Notification – The SA POC shall contact at least one person at NASA HQ Office

NASA HEADQUARTERS PRIORITIZED NOTIFICATION LIST						
	NAME	WORK PHONE(S)	EMAIL	FAX		
Office of Safety	1. Russ DeLoach	(321) 258-4810	russ.deloach-1@nasa.gov	Fax (202) 358-3104		
and Mission Assurance	2. Frank J. Groen	(202) 358-4900	frank.j.groen@nasa.gov	Fax (202) 358-3104		
NASA Safety Center	3. Ken O`Connor	(216) 433-9614 office (216) 287-0675 cell	kenneth.m.oconnor@nasa.gov	Fax (266) 433-9610		

Table 3 Initial Safety Incident Report

- DATE OF INCIDENT
- 2. TIME OF INCIDENT
- 3. GENERAL LOCATION (Building, Area, Facility, etc.)
- 4. EXACT LOCATION (Street, Floor, Room, etc.)
- 5. NUMBER OF FATALITIES, IF KNOWN
- 6. NUMBER OF HOSPITALIZED EMPLOYEES, IF KNOWN
- 7. TYPE OF INJURY, IF KNOWN (Worst case)
- 8. TYPE AND ESTIMATE OF DAMAGE, IF KNOWN (WORST CASE)
- 9. RESPONSIBLE ORGANIZATION
- 10. ORGANIZATION POINT OF CONTACT
- 11. ORGANIZATION MAIL CODE
- 12. POINT OF CONTACT PHONE
- 13. MISSION AFFECTED, IF KNOWN
- 14. PROGRAM IMPACT, IF KNOWN (Describe impact in terms of delay, cost adjustment, etc.)
- 15. BRIEF INCIDENT DESCRIPTION (**Do not** use actual names, include in the description the sequence of events, number and extent of injuries, extent of property damage, cause, etc., if known.)

IMPACT SUMMARY

CHECK ALL CURRENT OUTCOMES FROM THIS EVENT THAT ARE KNOWN FACTS (Do not check any box that indicates any future potential or outcome.)

	FATALITY
	PERMANENT TOTAL DISABILITY
	PERMANENT PARTIAL DISABILITY
,	3 OR MORE PEOPLE HOSPITALIZED
	1 OR 2 PEOPLE HOSPITALIZED
	LOSS OF CONSCIOUSNESS
	INJURY OR ILLNESS
	DAMAGE ESTIMATE OVER \$2,000,000
	DAMAGE ESTIMATE BETWEEN \$500K AND \$2M
	DAMAGE ESTIMATE BETWEEN \$50K AND \$500K
	DAMAGE ESTIMATE BETWEEN \$20K AND \$50K
	DAMAGE ESTIMATE UNDER \$20K
	SERIOUS DAMAGE TO FLIGHT OR GROUND SUPPORT HARDWARE
	SERIOUS DAMAGE TO AIRCRAFT OR SPACE HARDWARE
	UNEXPECTED DAMAGE DUE TO TEST FAILURE
	AFFECTED PRIMARY OBJECTIVE(S) OF MISSION
	SIGNIFICANT PROGRAM IMPACT
	HIGH-VISIBILITY (Internal or external to NASA)